



ECOSTAT® Table Mats (dissipative) (Part No.: 1402.66x.x)

- Two layer material
- Complies with IEC 61340-5-1
- Rugged synthetic rubber
- Resistant to solder and heat
- Abrasion resistant
- Volume conductive and dissipative layers
- Thickness: 2mm
- Colour: Beige, platinum grey, light green and light blue



Physical properties:

	Standard	Values
Density	DIN 53479	1,4 g/cm ³
Abrasion (5N load)	DIN 53516	130 mm ³
Hardness	DIN 53505	78 Shore A
Impression test	DIN 51955	0,1 mm
Light reflection	DIN 5036	19 % - 29 %
Usable temperature range	-	up to + 60 °C

Product qualification according to IEC 61340-5-1:

	Test method	Limits	Typical values
Resistance to groundable point R _{gp}	IEC 61340-2-3	< 1 x 10 ⁹ Ω	10 ⁶ - 10 ⁷ Ω
Point to Point resistance R _{p-p}	IEC 61340-2-3	< 1 x 10 ⁹ Ω	10 ⁷ Ω

Environmental conditions: 12 ± 3 % RH and 23 ± 2 °C (conditioning > 48 hours)

Electrical properties:

	Test method	Typical values
Point to Point resistance (Conductive backing) R _{p-p}	IEC 61340-2-3	10 ³ - 10 ⁴ Ω

Wrist Strap

(Part No.: 205x.750.x)

- Adjustable, elastic band with silver impregnated threads interwoven on the inside
- Hypoallergenic, no metal in skin contact
- Adjustable to fit any wrist size
- Insulating outer side
- According to IEC 61340-5-1 and BGI 818 (ZH1/267)



Properties:

Snap sizes: 3 mm, 7 mm and 10 mm
Overall length: 200 mm
Band thickness: 2 mm
Weight: 10 g
Elasticity: 10.000 cycles with 170 %
Elasticity factor: 2:1
Operating temperature: 0 – 40 °C
Colour: light blue or dark blue

Product qualification according to IEC 61340-5-1:

	Test method	Limits	Typical values
Interior resistance R	IEC 61340-4-6	$\leq 1 \times 10^5 \Omega$	$< 10^3 \Omega$
Exterior resistance R	IEC 61340-4-6	$> 1 \times 10^7 \Omega$	$> 10^9 \Omega$

Environmental conditions: 12 ± 3 % RH and 23 ± 2 °C (conditioning > 48 hour)

Coil Cord

(Part No.: 210x.75x.x)

- Elastic coil cord for connecting the 2050.750.x and 2051.750.x wrist straps
- Overall length: 2,4 m (stretched)
- 1 M Ω safety resistor in each snap
- Strain relief connection
- Grounding contact: 10 mm snap
- According to IEC 61340-5-1



Properties:

Snap sizes for wrist strap fastening:	3 mm, 7 mm, 10 mm
Overall length (stretched condition):	2,4 m
Cord outer diameter:	2,5 mm
Weight:	25 g
Snap - plug-in force:	app. 20 N
Snap - plug-out force:	app. 4 N
Snap - turning force:	app. 1 N
Safety resistor inside the snap:	1 M Ω each
Colour:	light blue or black

Product qualification according to IEC 61340-5-1:

	Test method	Limits	Typical values
Resistance	IEC 61340-4-6	< 5 x 10 ⁶ Ω	2 x 10 ⁶ Ω